

**Table 6-12  
Delta Facility Estimated Demand Based On Peak-Day**

Activity	Year 2000 Peak Day Demand (Boats)	Year 2000 Peak Day Demand (Visitors Days)	Year 2000 Annual Demand (Visitor Days)	Design Standard for Facilities	Year Facilities No.	2000 Estimated Type	Less Inventory Of Facilities	Deficit/ (Surplus)
Total Annual Boating Activity	8,386 <i>(Note 1)</i>	25,158 <i>(Note 2)</i>	6,386,178 <i>(Note 3)</i>					
Total Boat Slips	N/A	N/A		<i>See Note 4</i>	11,674	slips	11674	0
Covered Boat Slip	N/A	N/A		70% of existing inventory - See Note 4	8170	slips	8170	0
Uncovered Boat Slips	N/A	N/A		30% of existing inventory - See Note 4	3,504	slips	3504	0
Transient Dock Tie-Ups	8,367	N/A		1 marina tie up per 18 boats on the water	465	tie-ups	309	156
Dry Boat Storage	N/A	N/A		.42% yr. Growth rate (Note 9)	5542	spaces	5542	0
Boat Launch Lanes	5,438	N/A		40 boats per day per lane (Note 6)	136	lanes	78	58
Marina and Day-Use Parking Spaces	N/A	N/A		0.6 parking spaces per slip (Note 5)	7,004	spaces	8725	1721 (s)
Vehicle w/Boat Trailer Parking Spaces	5,438	N/A		0.6 parking spaces per boat per day per lane (see note 7)	3,264	spaces	2115	1149
Restroom Stalls	N/A	20,725		1 stall per 30 visitors (Note 8)	691	stalls	677	14
Shower Stalls	N/A	N/A		<i>See Note 4</i>	364	stalls	363	0
Day-Use Picnic Sites	3,179	N/A		39% of <26'/25% of 26'+boats	397	tables	324	73
Camping/RV Sites	993	N/A		12% of <26'/13% of 26'+boats	993	sites	2182	1189 (s)
Fuel/Pumping Stations	N/A	N/A		See Note 9	56	stations	56	0

*Notes:*

1. Peak Day Demand (boats) = (925,533 CA doc/reg boats x 23% Delta share x 4 Delta trips in last year) x (15.4% peak mo x 27.5% peak day of week) / 4.3 weeks = 8,3686
2. Peak Day Demand (visitors) = (925,533 CA doc/reg boats x 23% Delta share x 4 Delta trips in last year x 3 people per trip avg.) x (15.4 % peak month x 27.5%) / 4.3 weeks = 25,158
3. 925,533 CA registered boats x 23% Delta share= 212,872 x 10 annual days = 2,128,726 x 3 avg. persons per trip = 6,386,178
4. Existing Inventory of Marina Slips and Vehicle Parking use as a baseline for future demand
5. California Department of Boating and Waterways Handbook
6. Average of range (35 - 50) from CDBW Handbook
7. Launch ramp lanes x 40 parking spaces per lane x 0.6 vehicles per CDBW Handbook
8. Interpretation of Environmental Health Department guideline by The Dangermond Group
9. Includes fuel, sanitation and bilge pumping stations. Growth rate based on boat registration projected growth rate of 1.2% per year (See Table 6.7)